



1 / 26

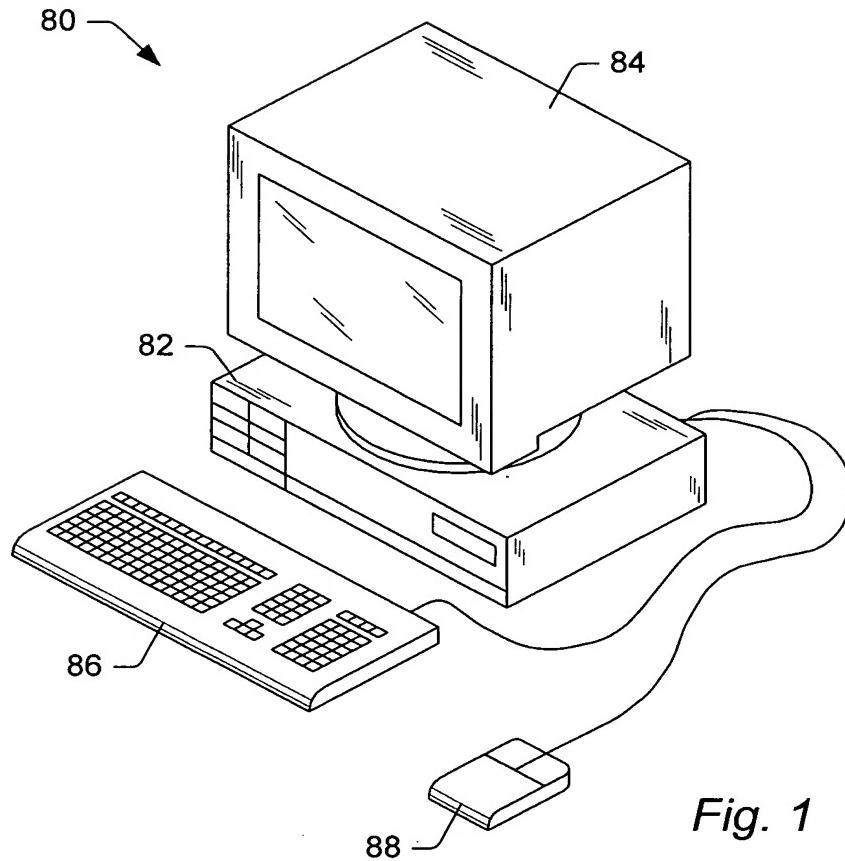


Fig. 1

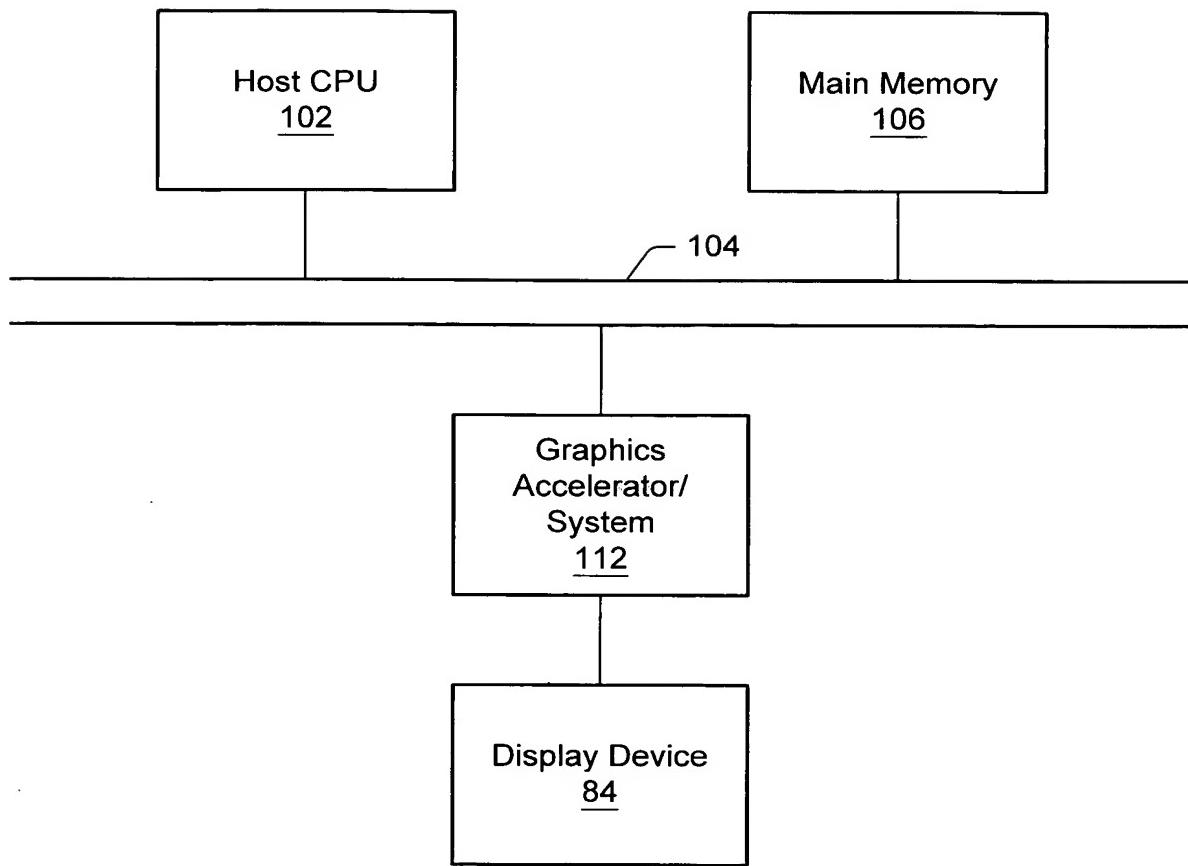


Fig. 2

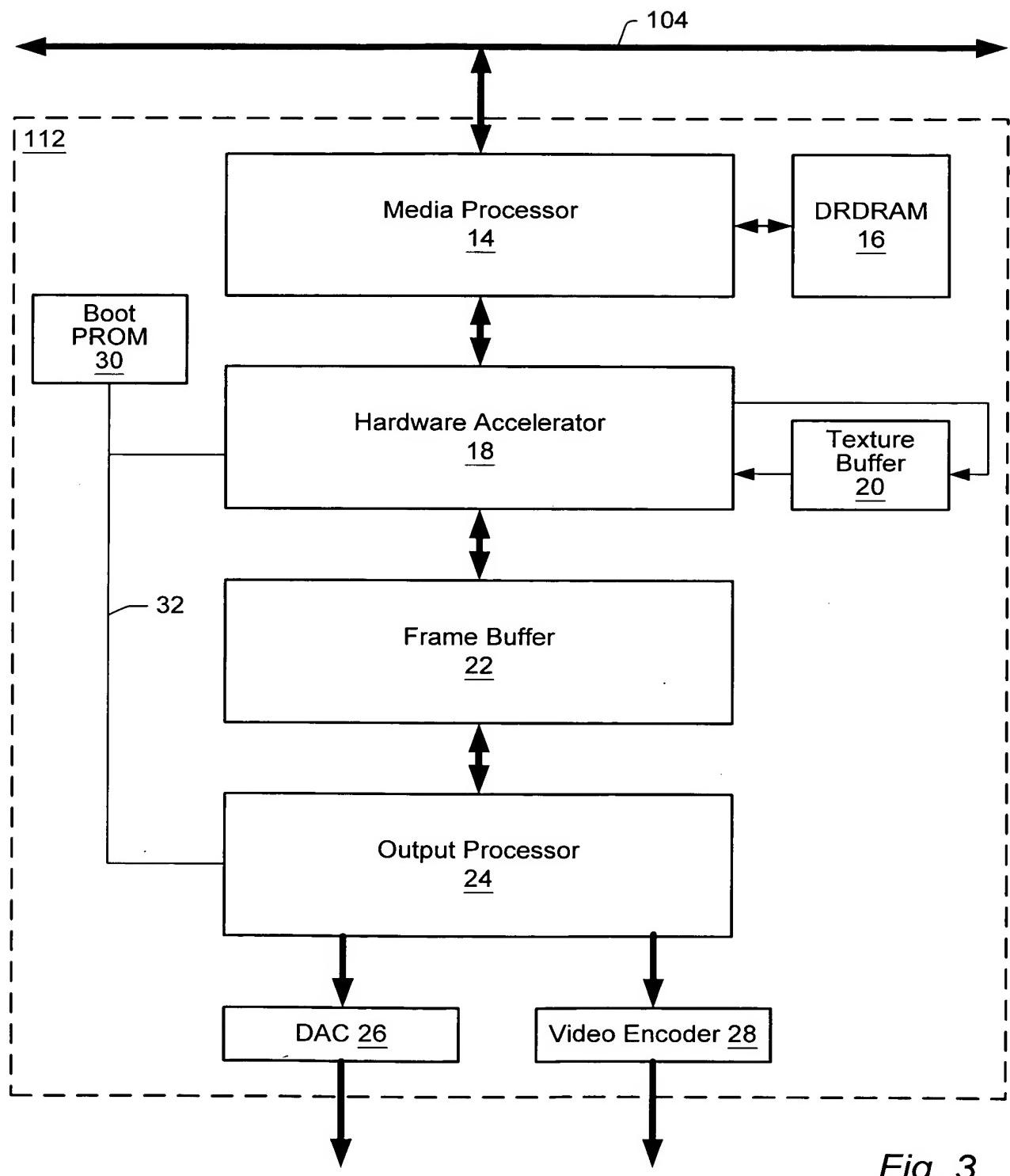


Fig. 3

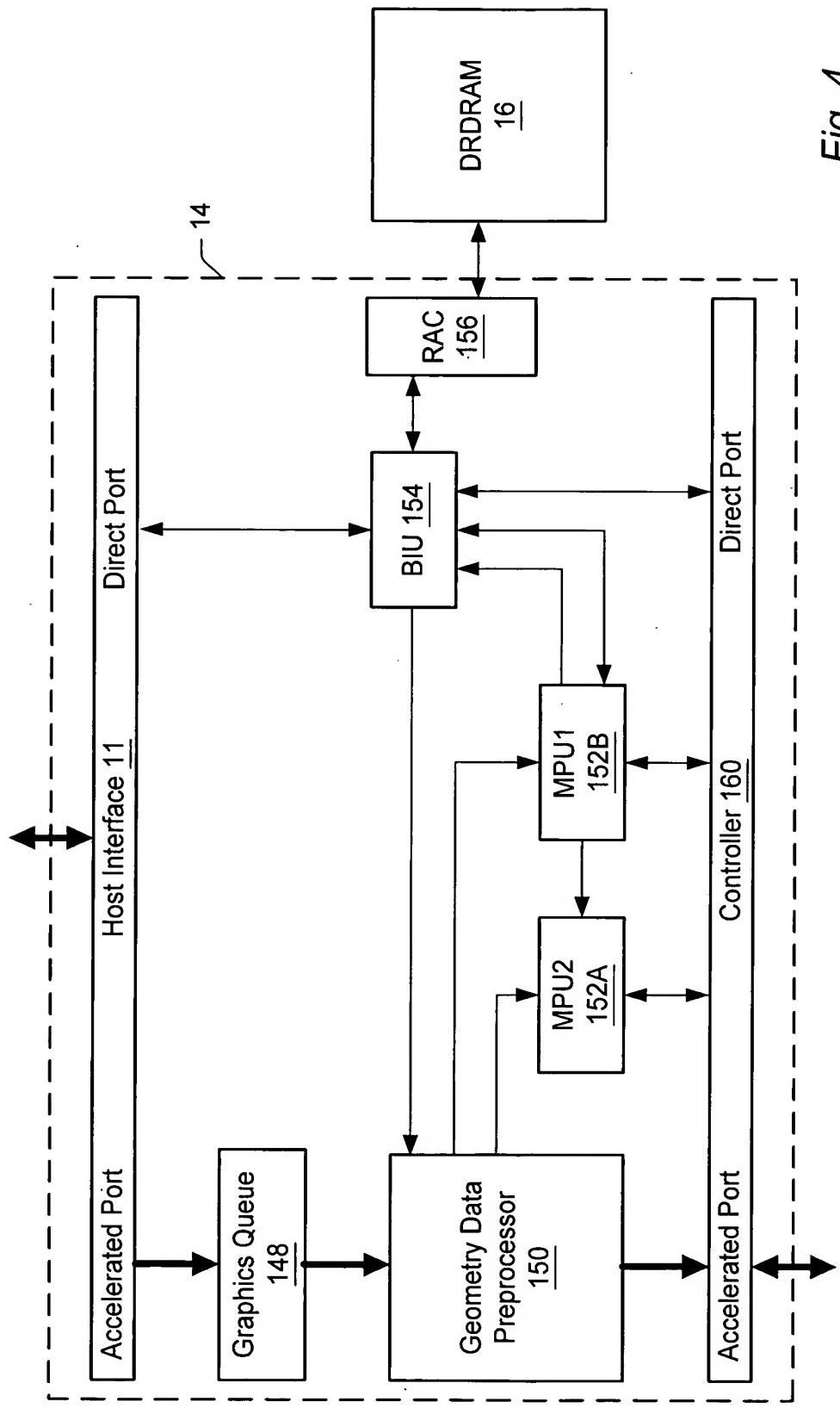


Fig. 4

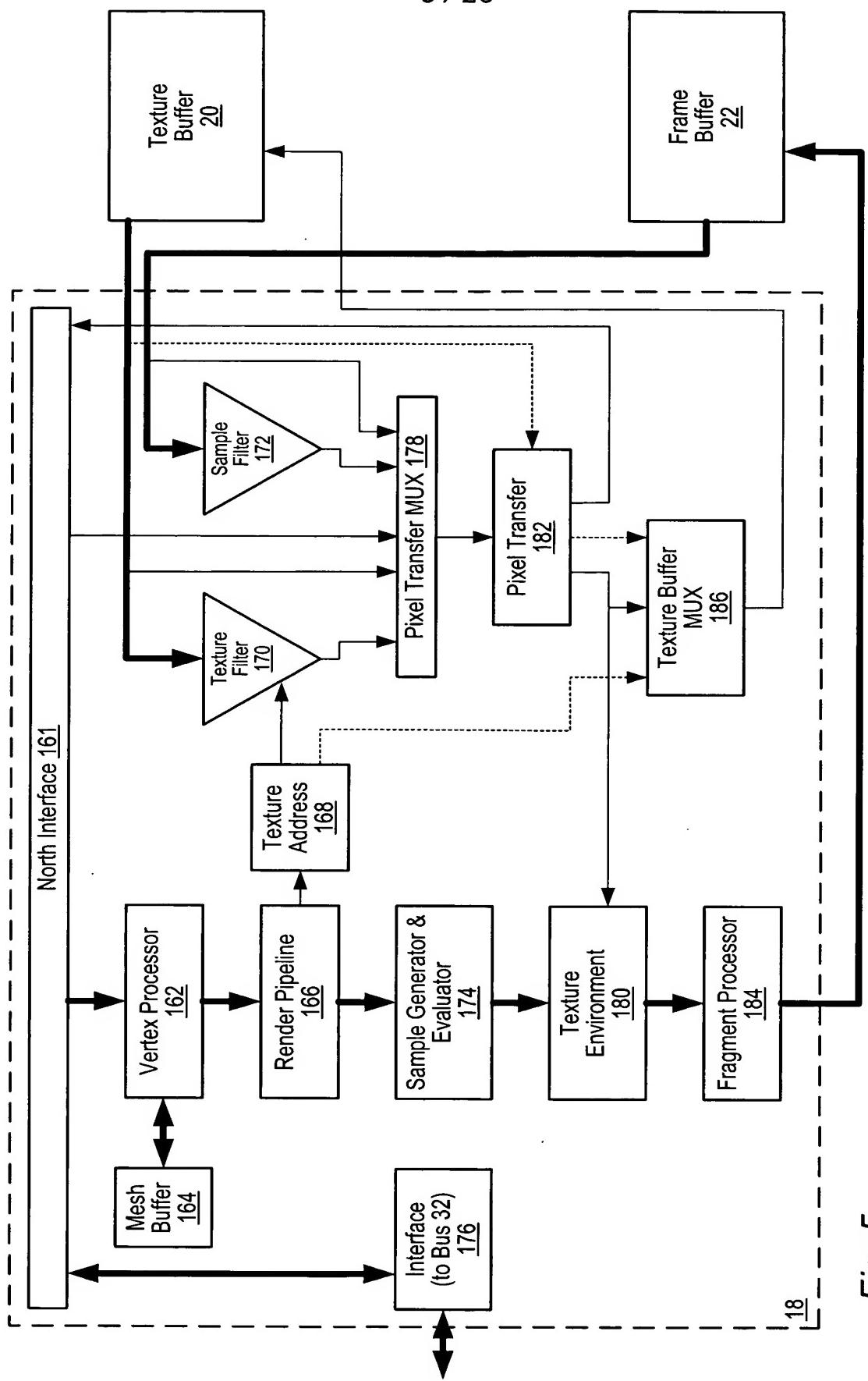


Fig. 5

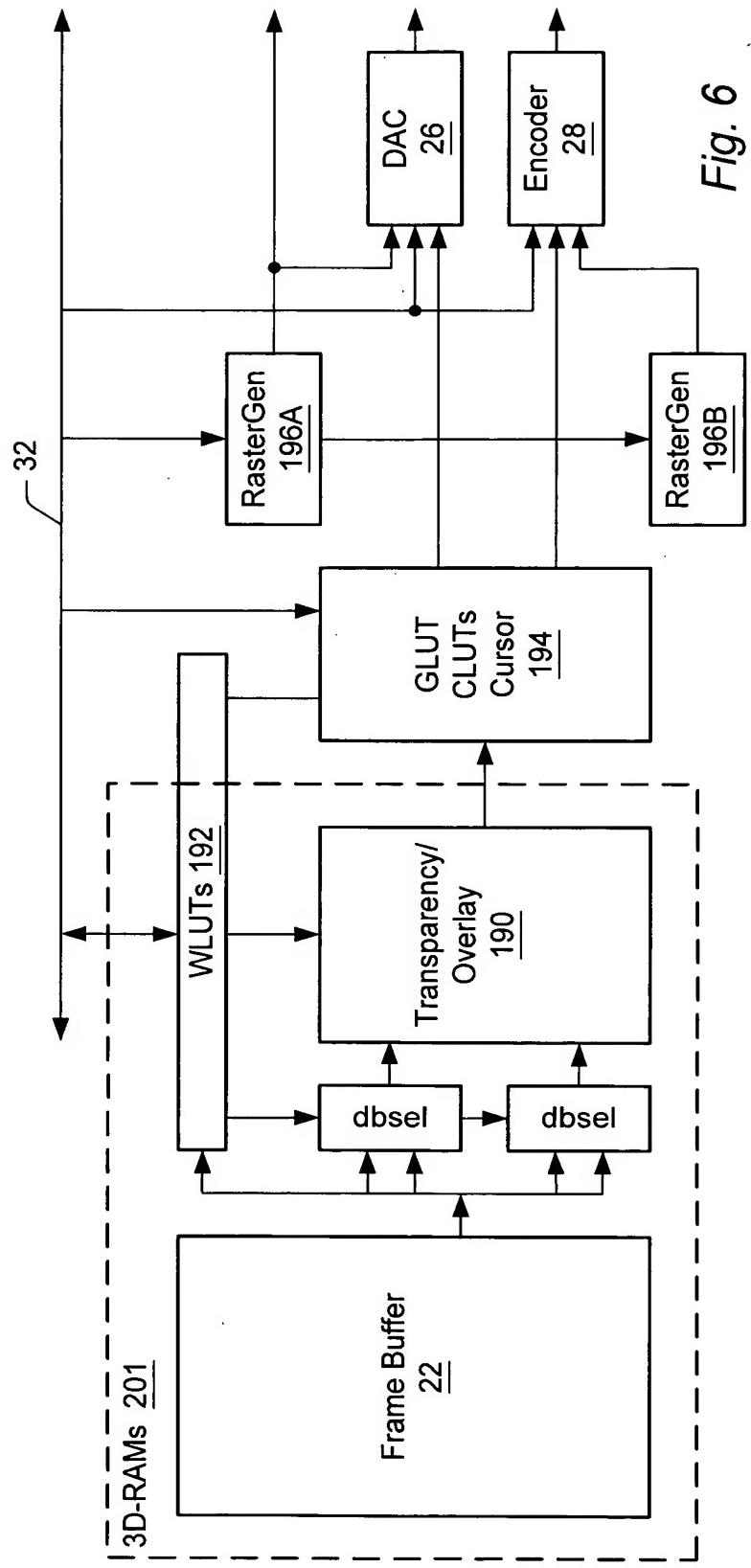
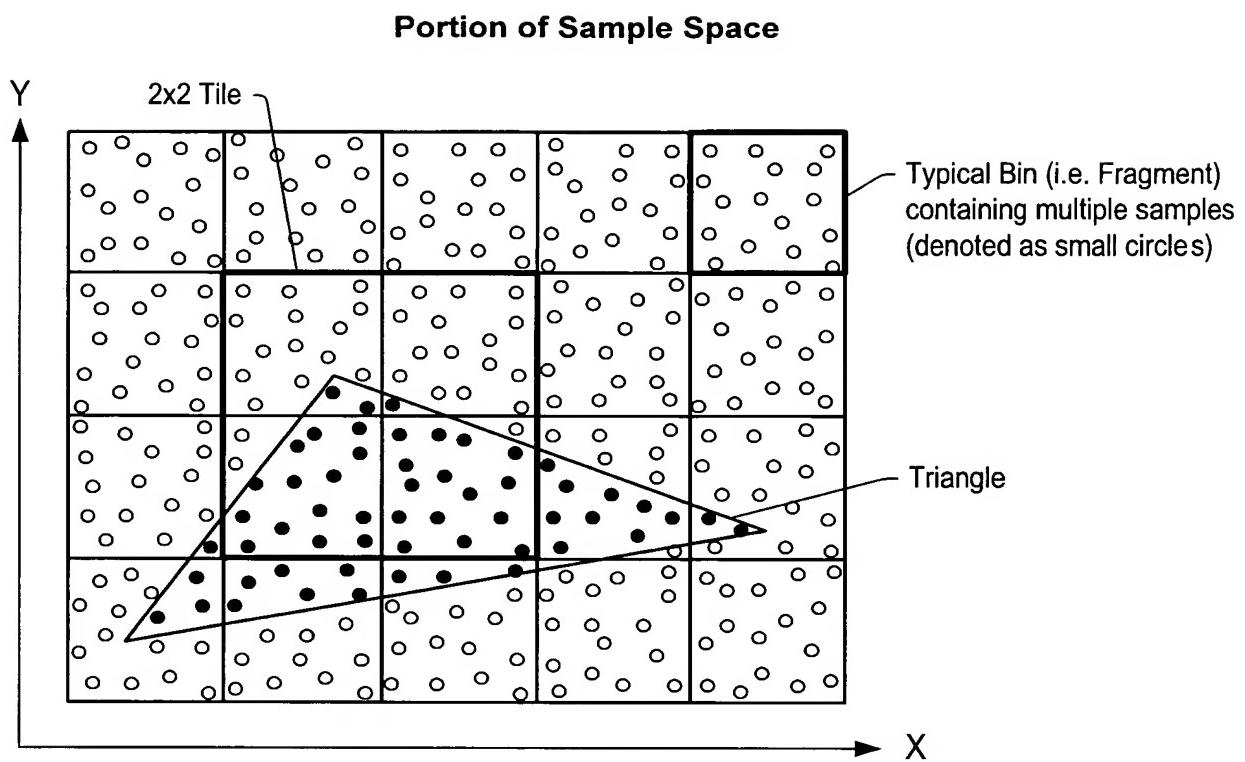
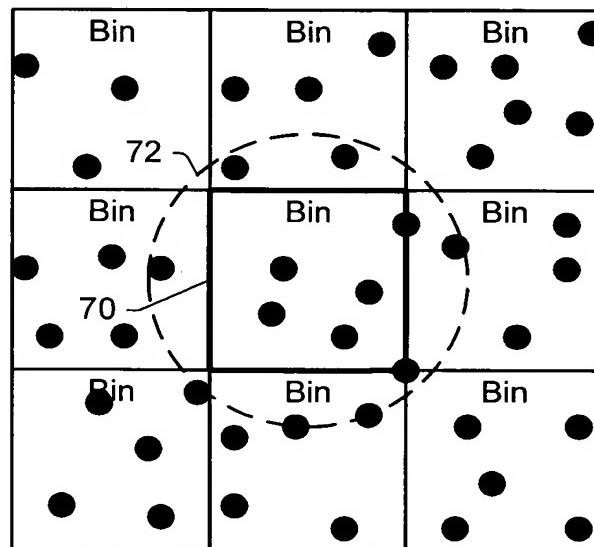


Fig. 6

*Fig. 7**Fig. 8*

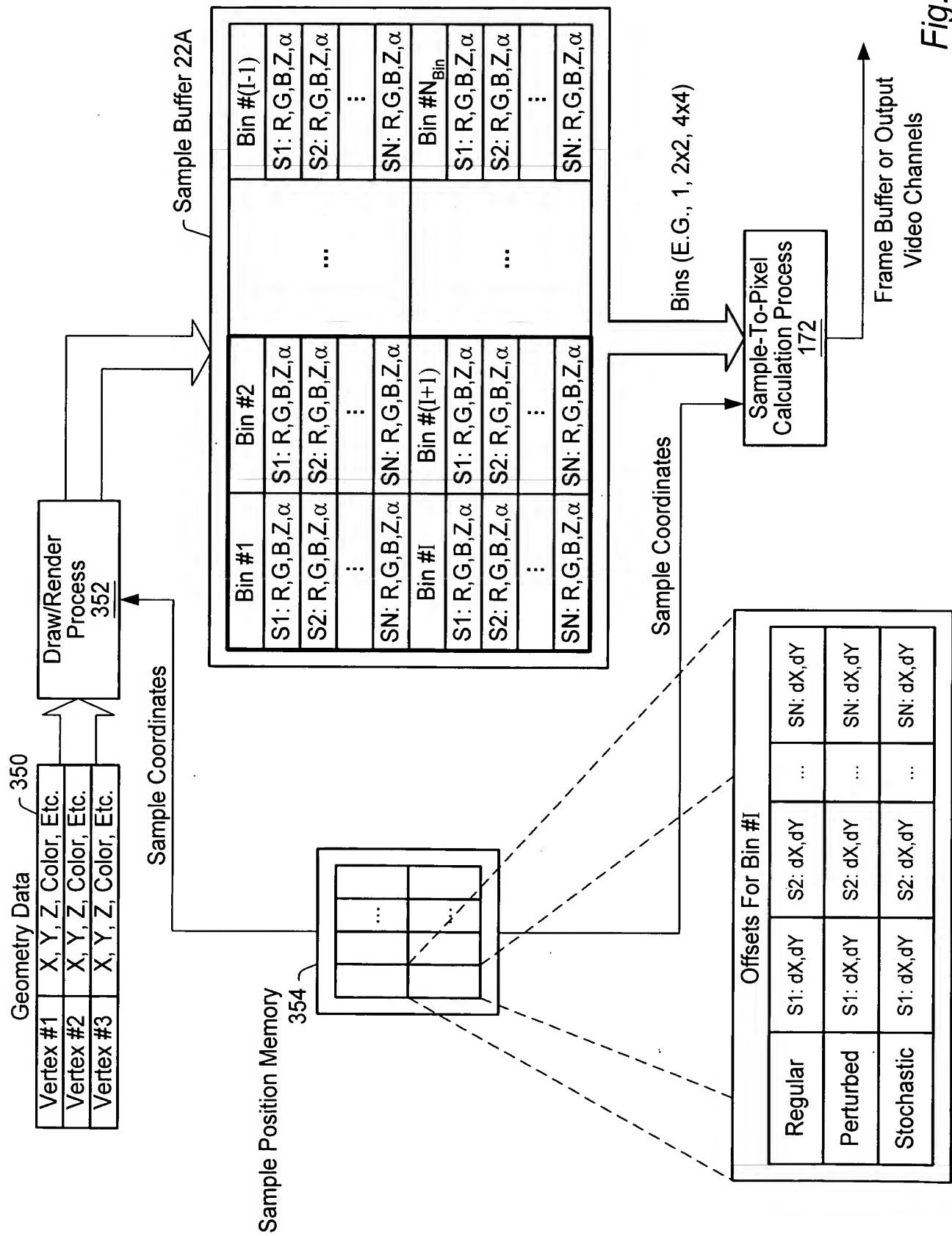


Fig. 9

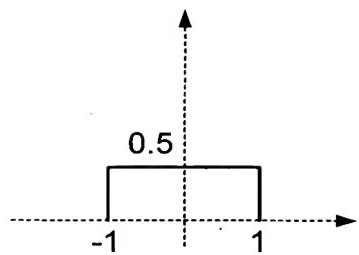


Fig. 10A

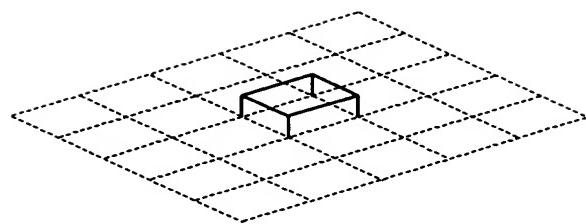
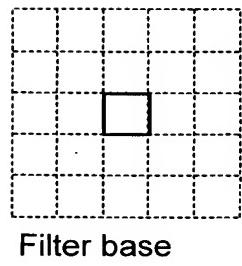
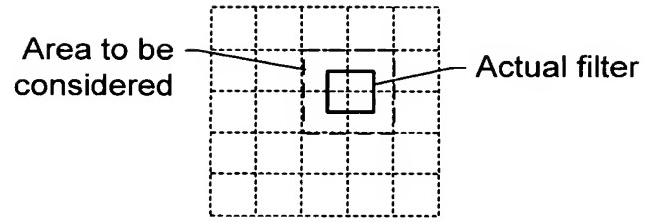


Fig. 10B



Filter base

Fig. 10C



Actual filter

Fig. 10D

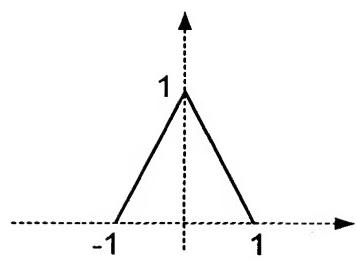


Fig. 11A

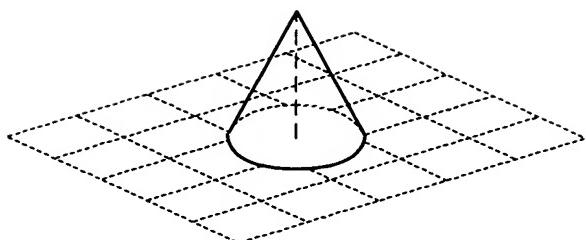
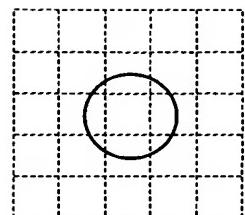


Fig. 11B



Filter base

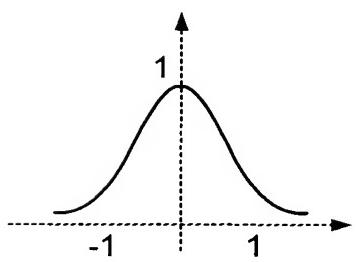


Fig. 12A

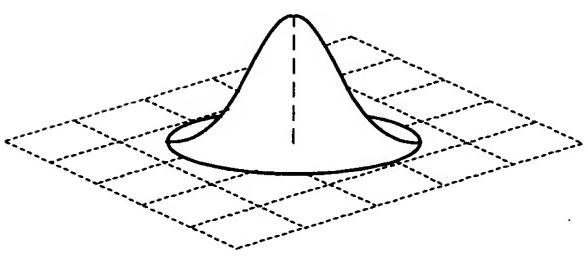
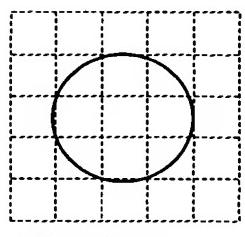


Fig. 12B



Filter base

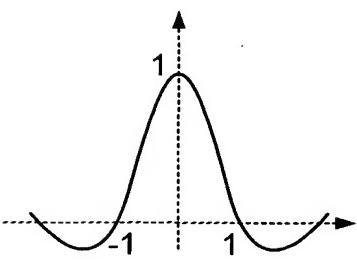


Fig. 13A

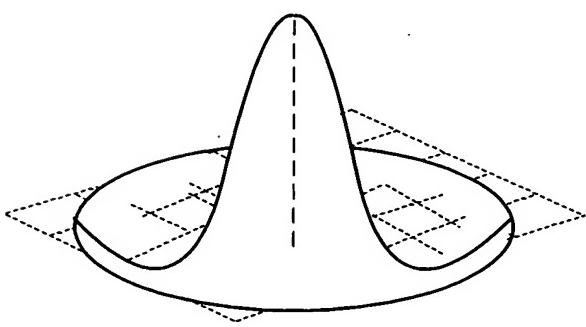
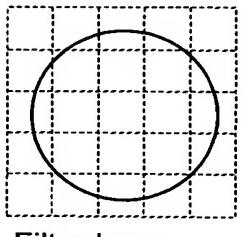


Fig. 13B



Filter base

Fig. 13C

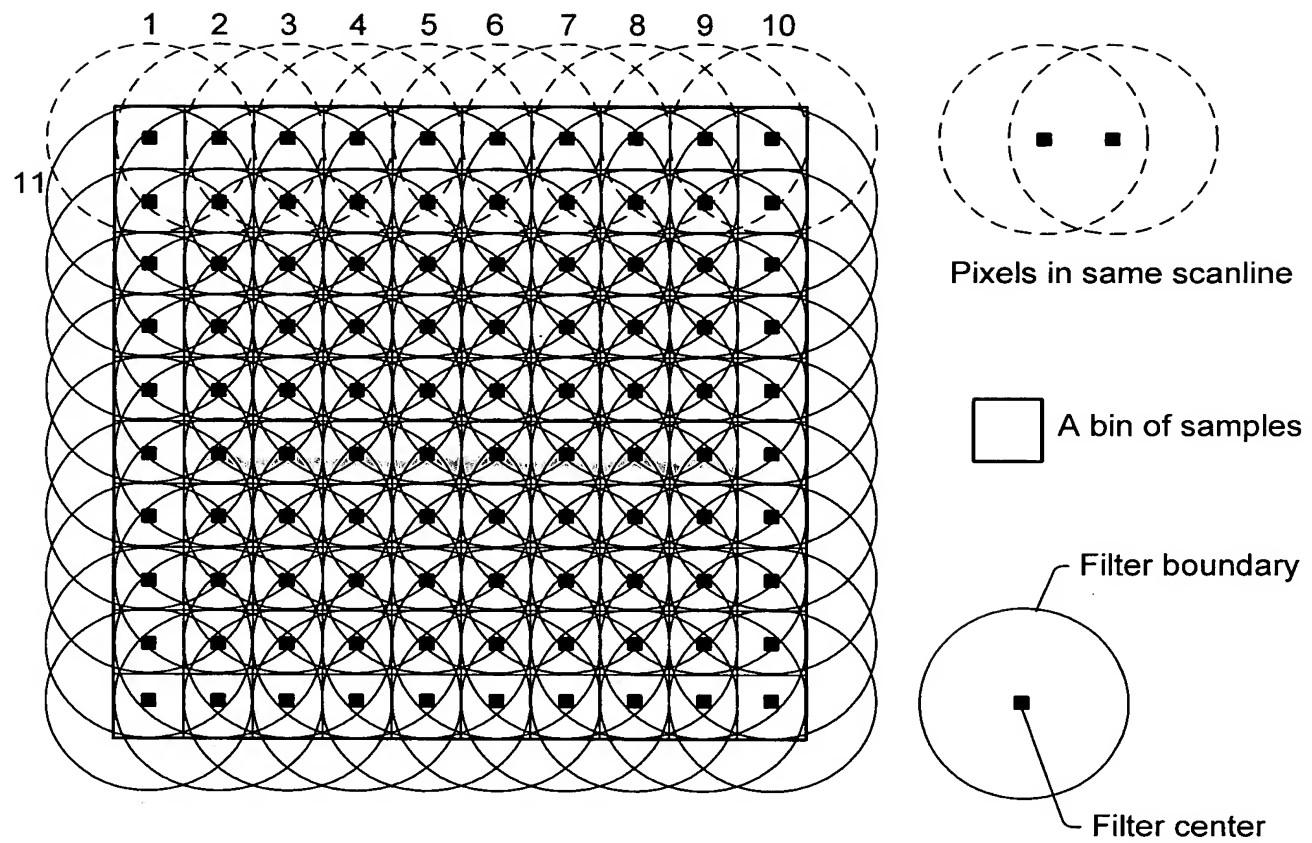


Fig. 14

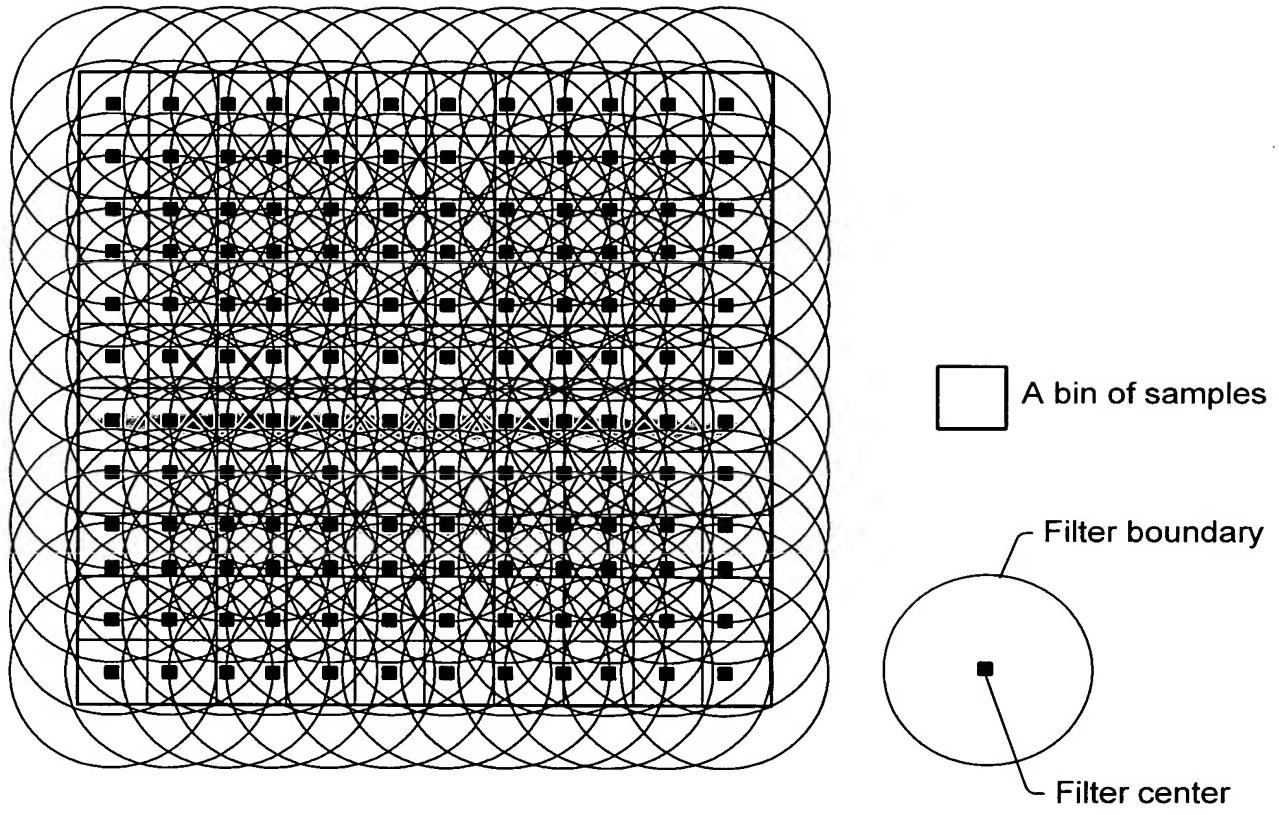


Fig. 15

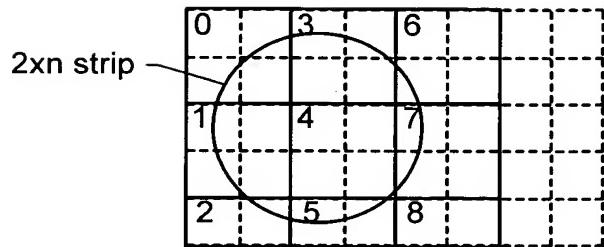


Fig. 16

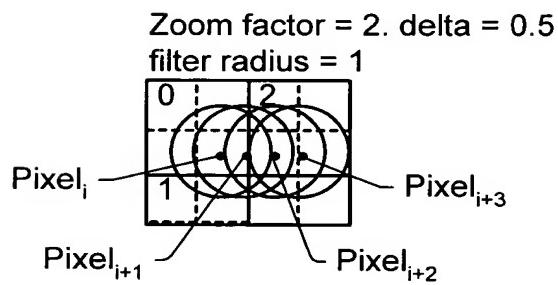


Fig. 17

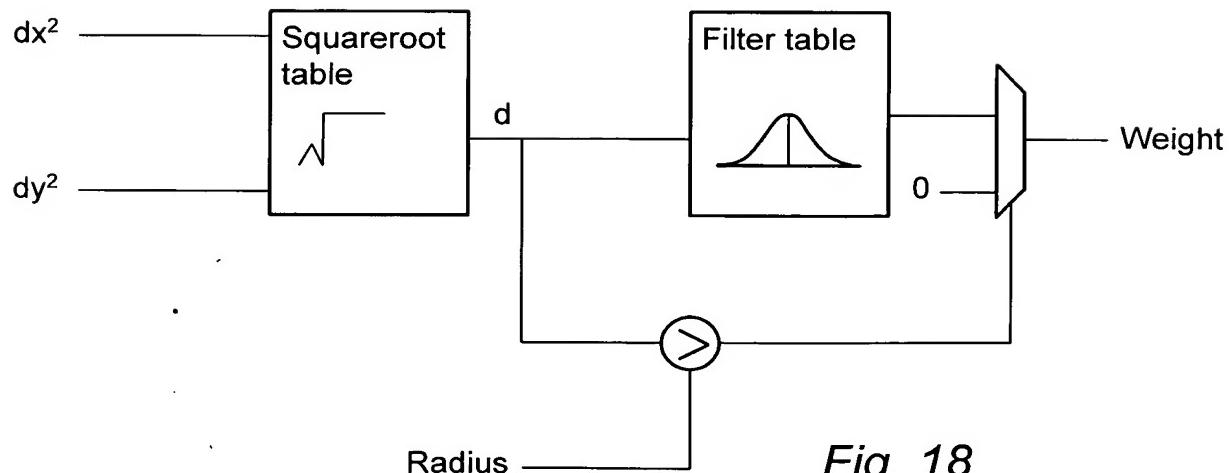
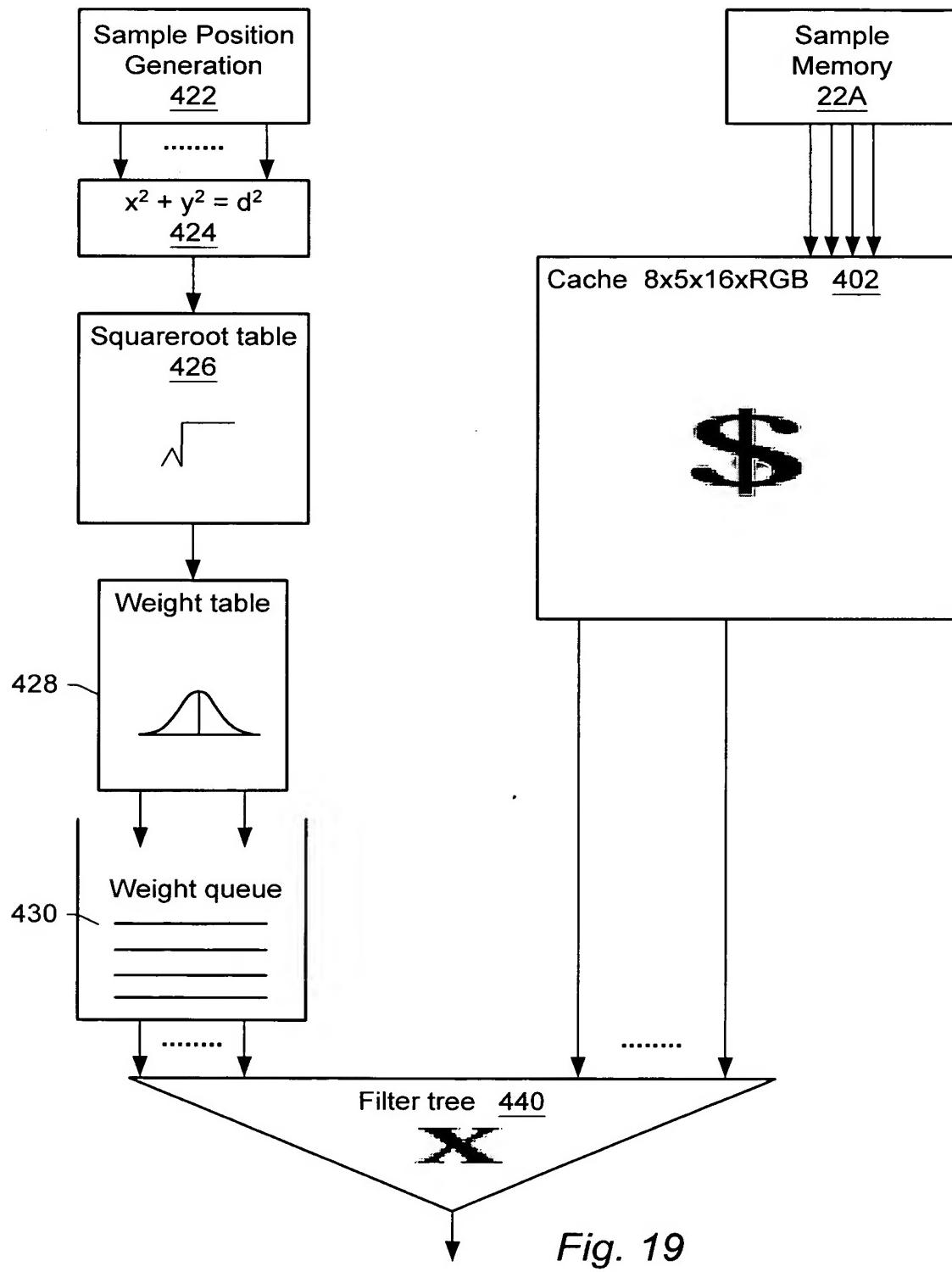


Fig. 18



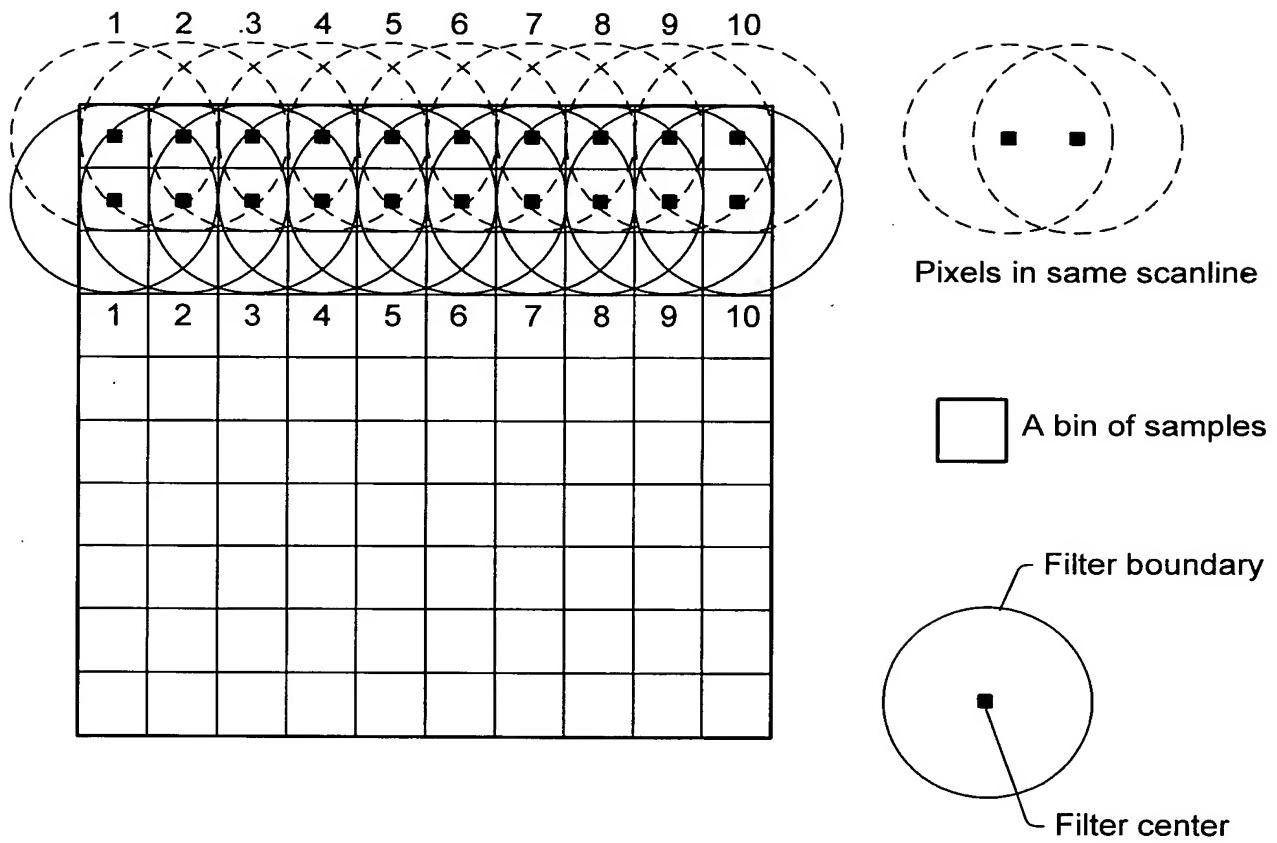


Fig. 20

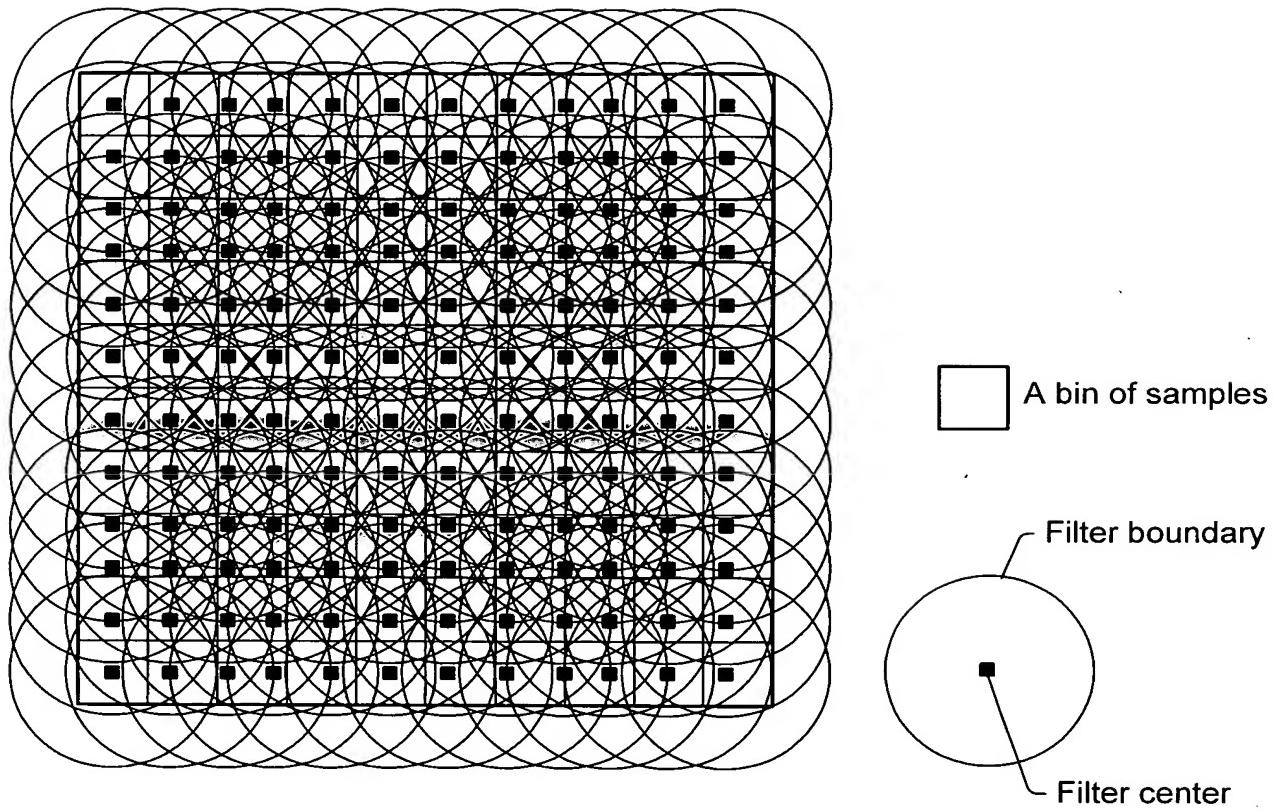


Fig. 21

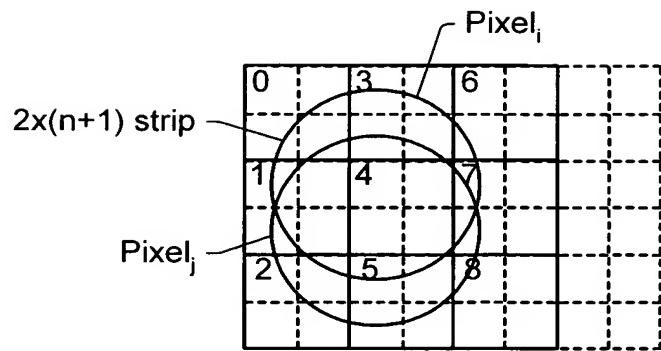


Fig. 22

Zoom factor = 2, delta = 0.5
filter radius = 1

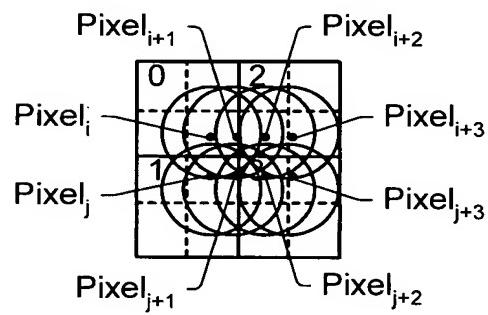


Fig. 23

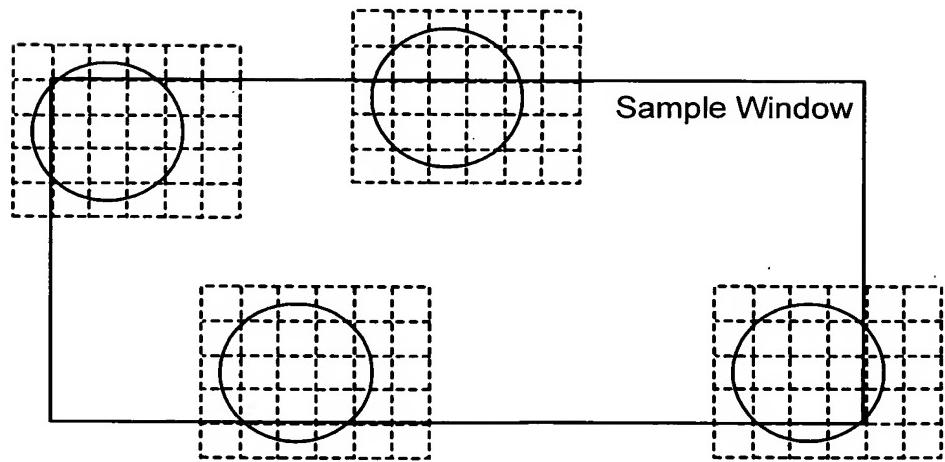


Fig. 24

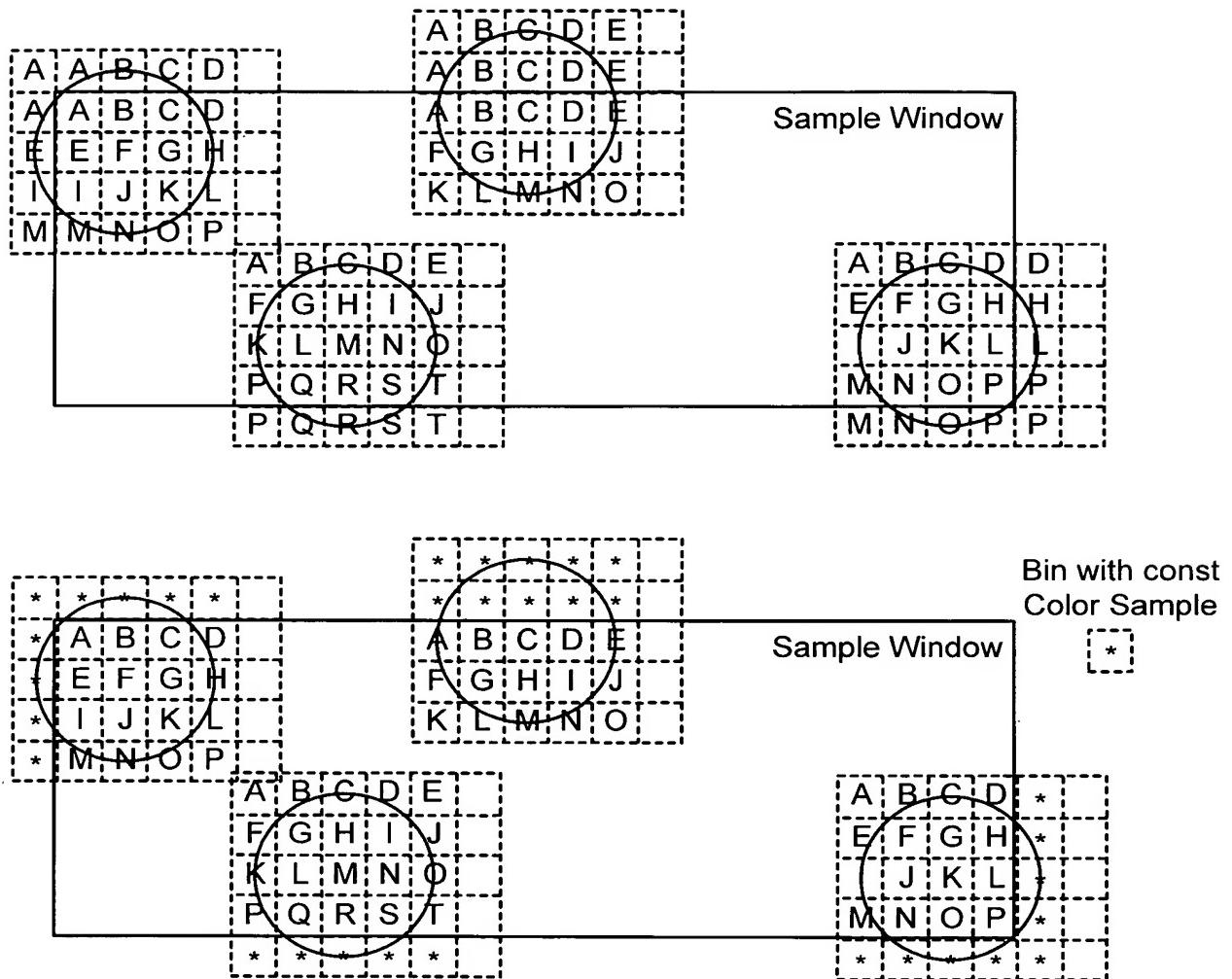


Fig. 25

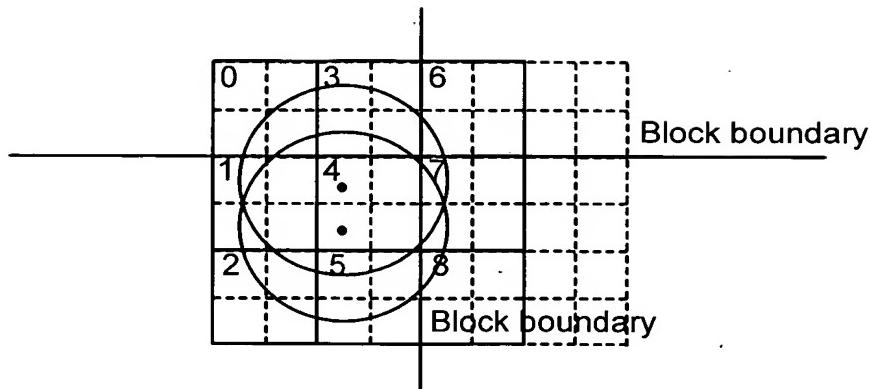


Fig. 26

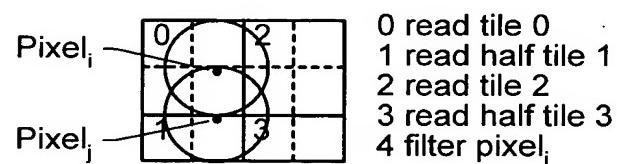


Fig. 27

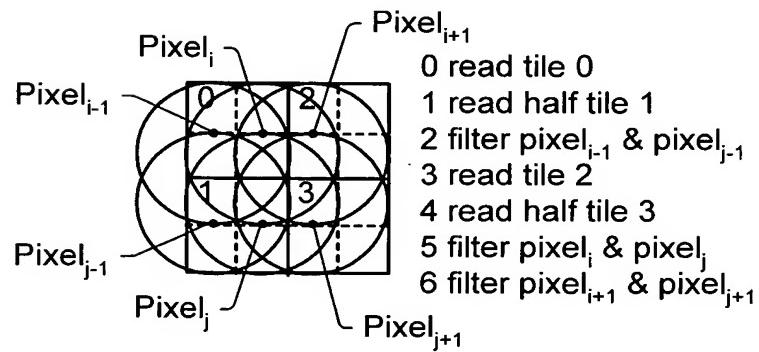


Fig. 28

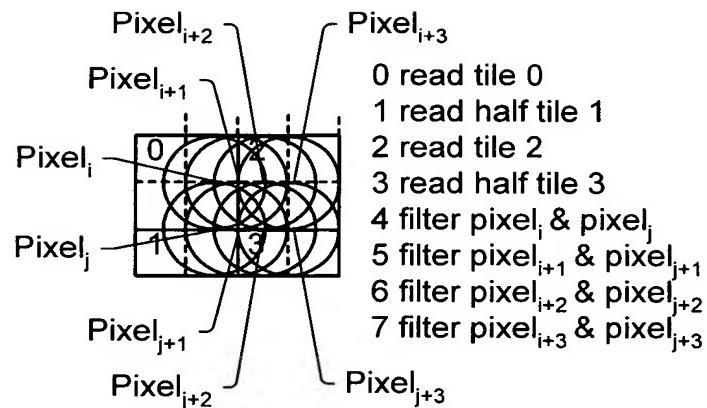


Fig. 29

		sample [1:0]				sample [2:0]				
		binIn1v [1:0]	0	1	2	3	0	1	2	3
For Non-Buddy Mode:		0	a	b	c	d	a	a	b	b
		1	c	d	a	b	c	c	d	a
		2	d	c	b	a	d	d	c	b
		3	b	a	d	c	b	b	a	d

Where a, b, c, d identify different interleave bus to 3DRAM

For Buddy Mode:

		sample [2:0]								
		binIn1v [1:0]	0	1	2	3	4	5	6	7
For Buddy Mode:		0	a	a	b	b	c	c	d	d
		1	c	c	d	d	a	a	b	b
		2	d	d	c	c	b	b	a	a
		3	b	b	a	a	d	d	c	c

Where a, b, c, d identify different interleave bus to 3DRAM

Fig. 30

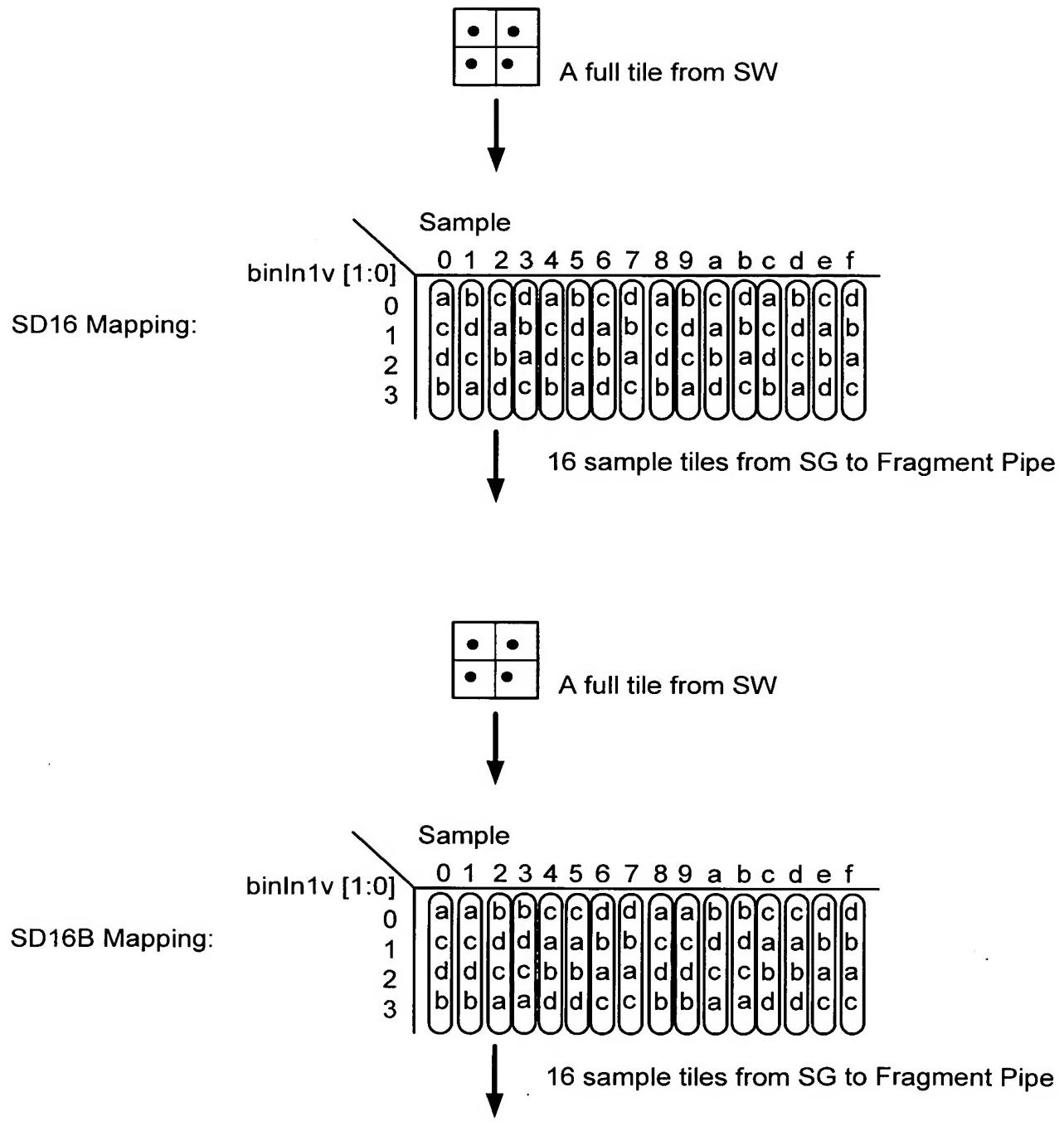


Fig. 31

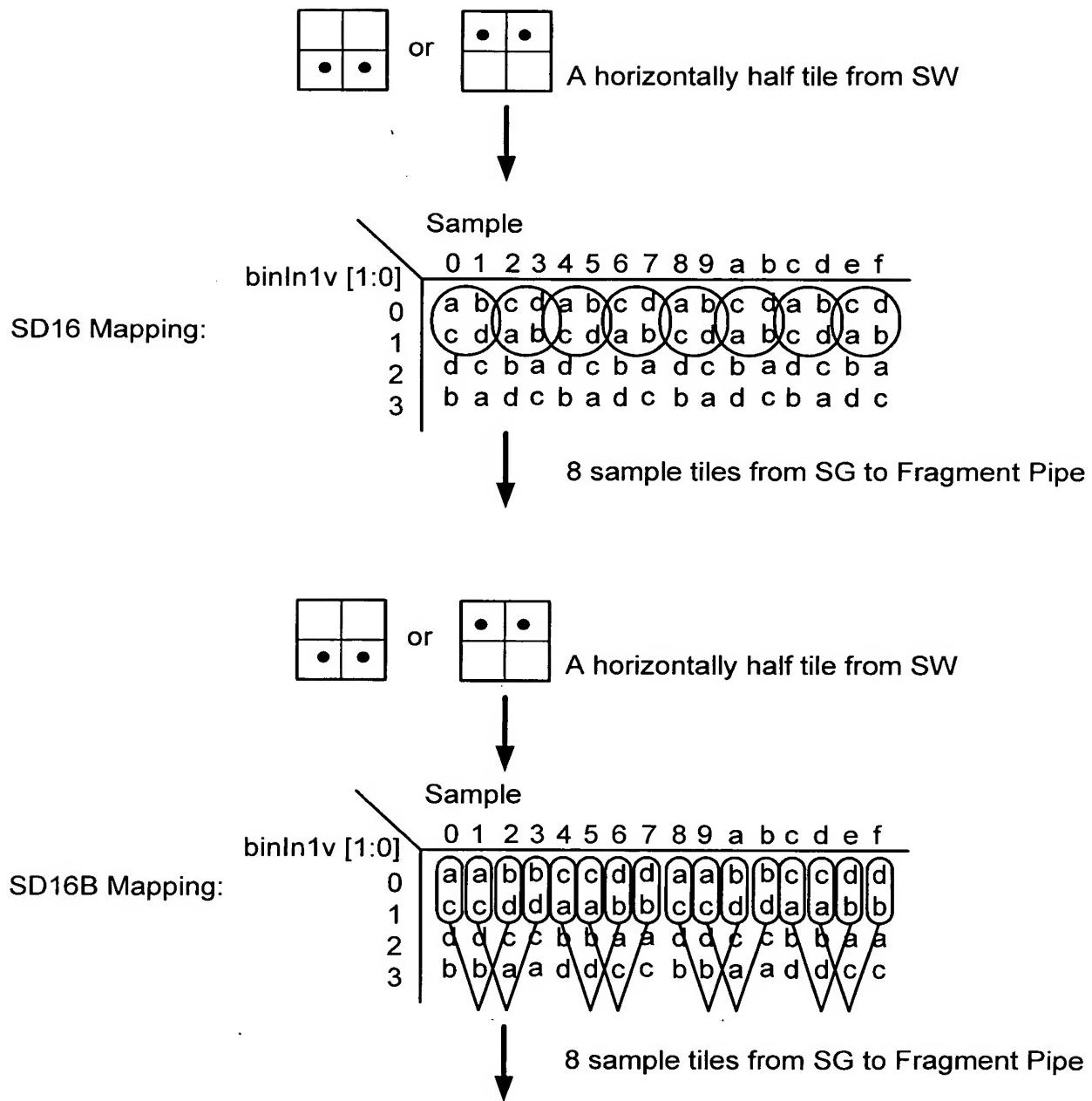


Fig. 32

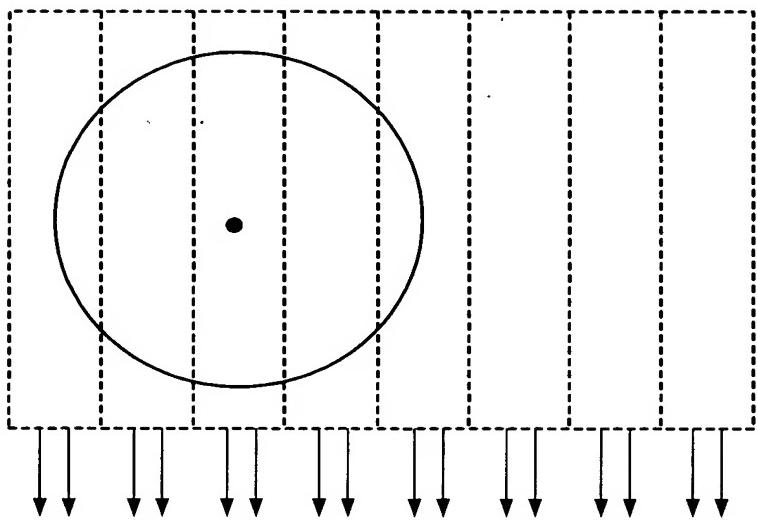


Fig. 33

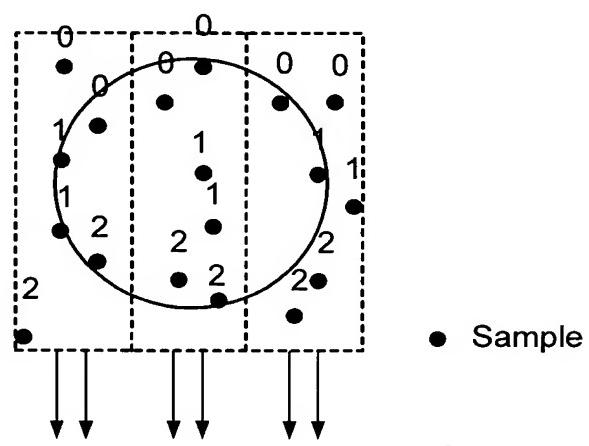


Fig. 34

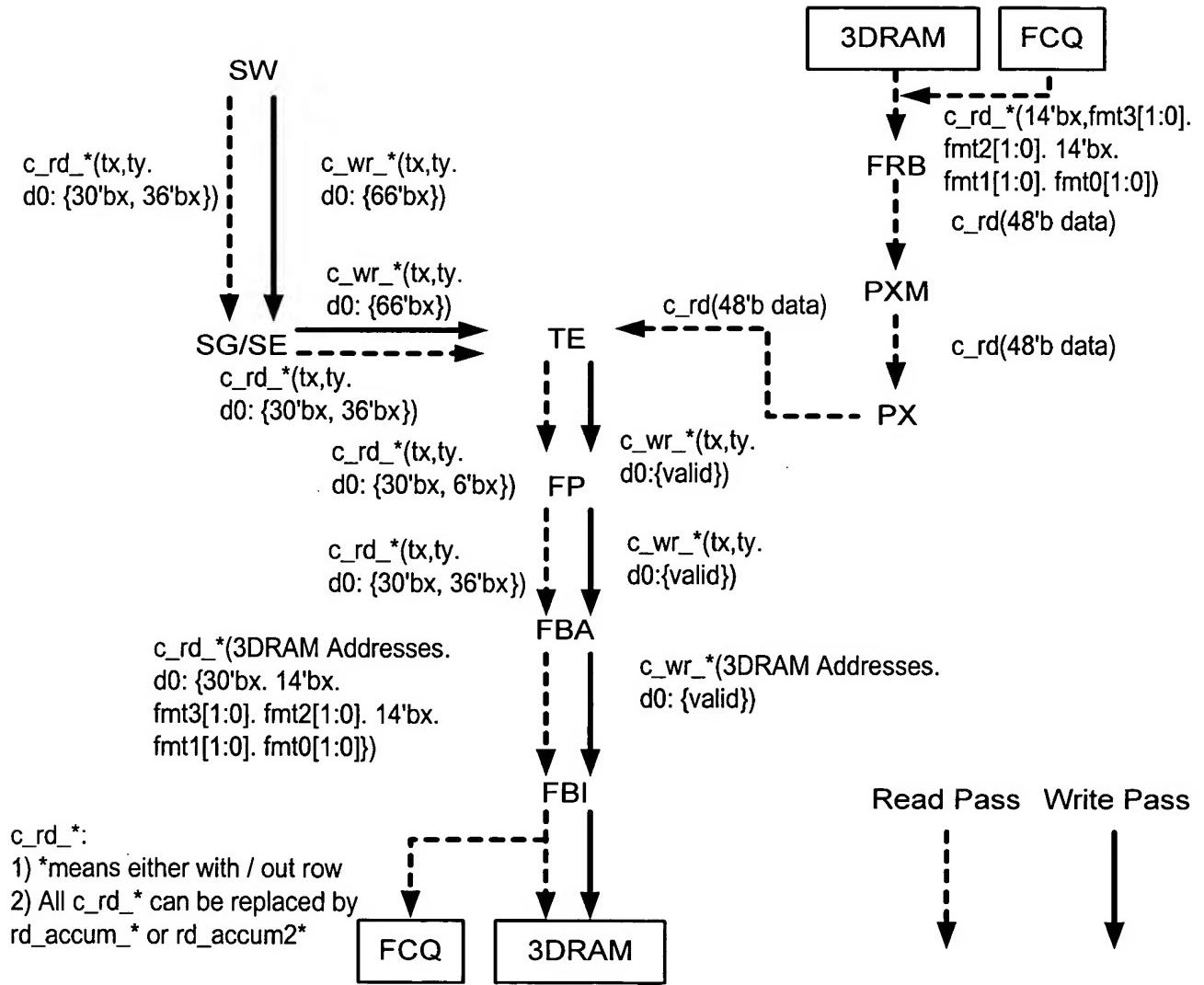


Fig. 35

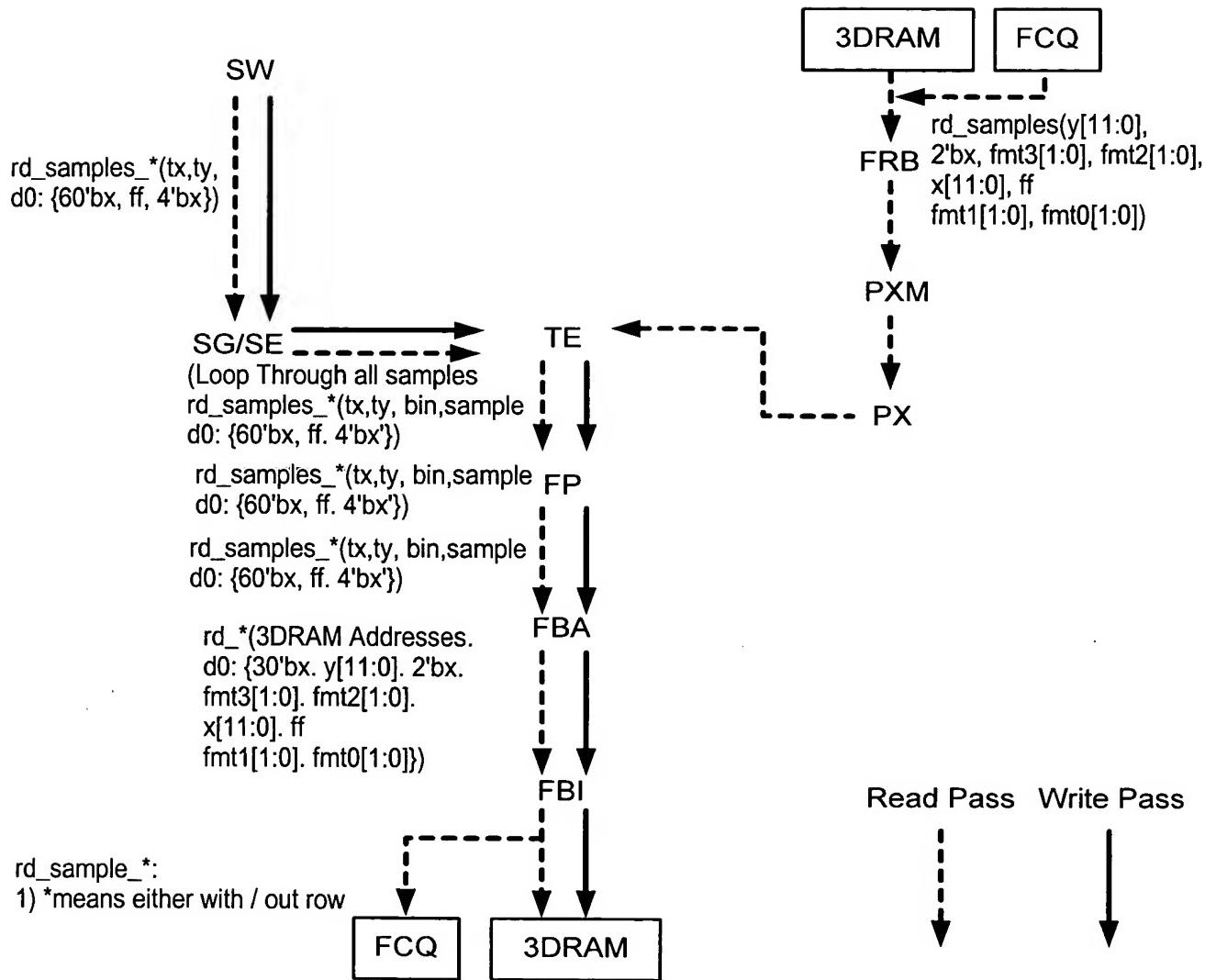


Fig. 36

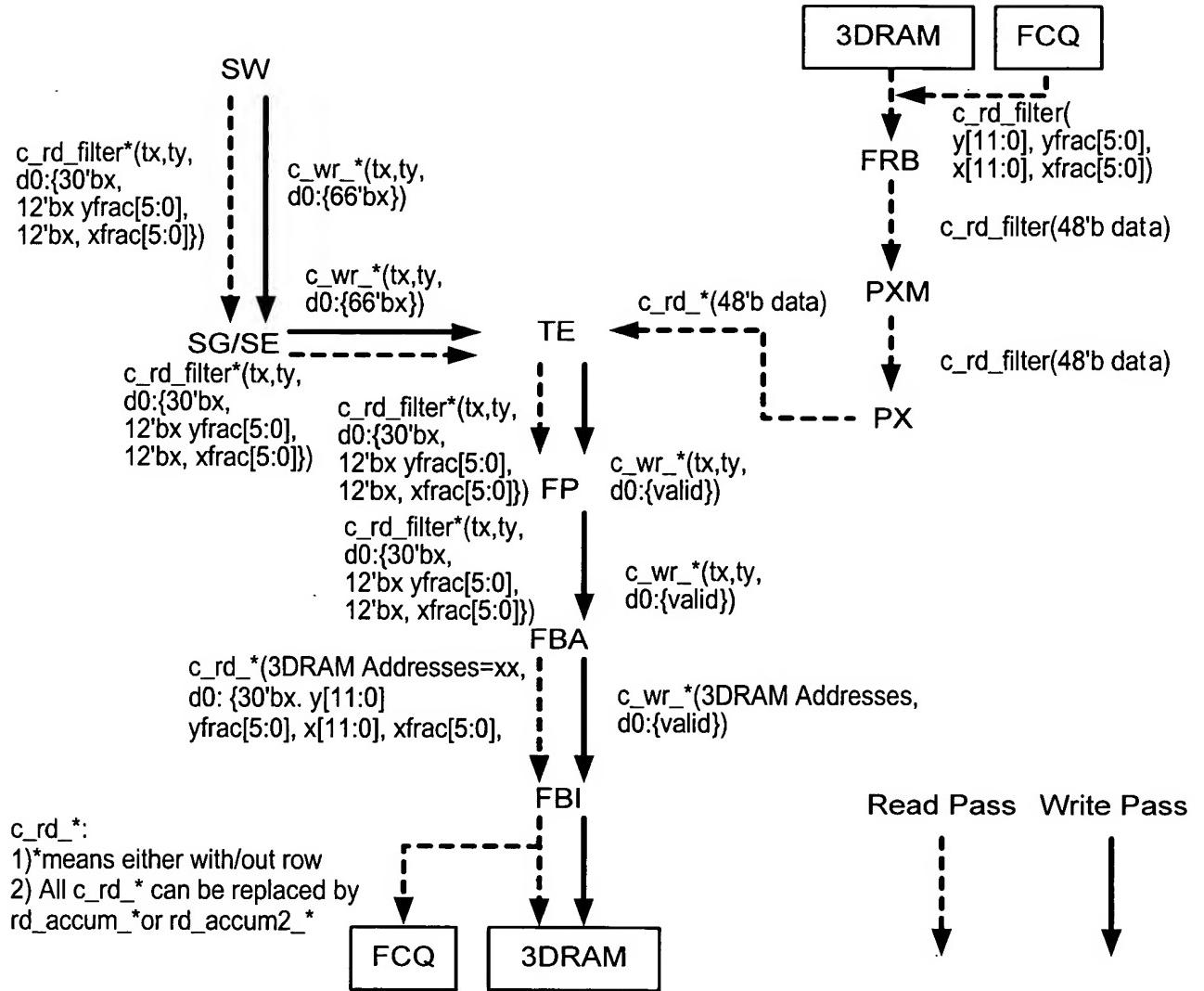


Fig. 37